BEREZOVSKIY, A.Z., inzh.; GORVITS, A.A.

D-535 bulldozer based on the T-75 tractor. Stroi.i dor.mash. 6
(MIKA 14:8)
no.8:8-9 Ag '61.
(Bulldozers)

GORVITS, I.M., inzh.

The MRShG instrument for repeated stretching of seams. Izv. vys.
ucheb. zav.; tekh.leg. prom. no.2:131-136 '58. (MIRA 11:6)

1.Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Testing instruments)

AFANAS'YEV, O.O. [Afanas'iev, O.O.]; GORVITS, S.M. [Horvite, S.M.];

IGNATOVA, L.P. [Innatova, L.P.]; KOTOV, M.P.; NOVIK, G.B.

[Novyk, H.B.]; OKHOV, I.V.; PETSAKHZON, L.B.; ROZENMAN, G.S.

[Rozenman, H.S.]; SKATERNOY, V.A.; TSITRIN, L.I.; CHECHENSY, M.I. [Checheniev, M.I.]; SHOSTAK, S.I.; NAZARENKO, N., red.;

GORKAVENKO, L. [Horkavenko, L.], tekhn.red.

[Light industry of the Ukraine] Lehka promyelovist Ukrainy.

Kyiv, Derzh.vyd-vo tekhn.lit-ry URSR, 1960. 197 p.

(Ukraine--Industries)

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516330006-7

GORYA, V. S., Candidate of Biol Sci (diss) -- "The diesease-resistance of new forms of wheat in the collection of the VIR in the Kuban' and in Dagestan".

Leningrad, 1959. 16 pp (All-Union Order of Lenin Acad Agric Sci im V. I. Lenin, All-Union Inst of Plant Growing), 150 copies (KL, No 20, 1959, 110)

"APPROVED FOR RELEASE: 08/25/2000

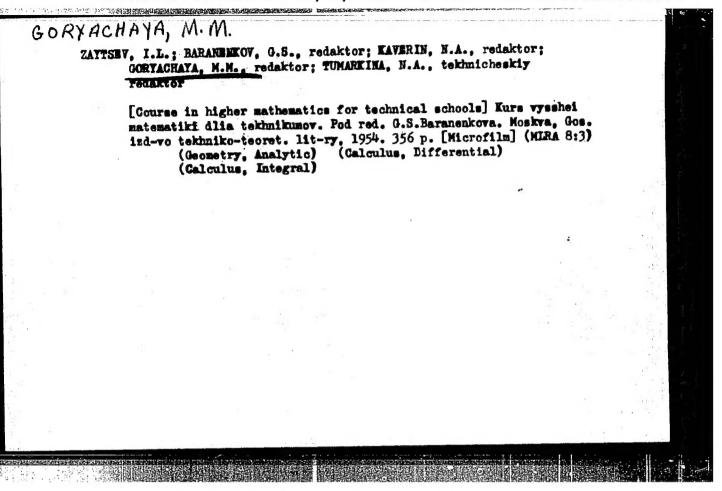
CIA-RDP86-00513R000516330006-7

Leaf rust resistance of soft wheat at various development stages of the host plant. Dokl. Akad. sel'khoz. 24 no.5:34-37 '59.

(MIRA 12:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniye-vodstva. Predstavlena akademikom P.M. Zhukovskim.

(Leaf rust of wheat)



VITUSHKIN, Anatoliy Georgiyevich; GORYACHAYA, M.M., Fedaktor;
GAVRILOV, S.S., tekhnicheskiy Fedaktor.

[High-dimensional variations] O mogomernykh variatsiiakh,
Moskva, Gos.izd-vo tekhniko-teoret.lit-ry, 1955. 220 p.

(Calculus of variations)

(MLRA 8:12)

KHINCHIN, Aleksandr Yakovlevich; GORYACHAYA, M.M., redaktor; AKHIAMOV, S.N., tekhnicheskiy redaktor.

[Short course in mathematical analysis] Kratkii kurs matematicheskogo analiza. Izd-2-s. Moskva. Gos.izd-vo tekhniko-teoret. lit-ry, 1955. 627 p. (MLRA 8:8) (Galculus)

HYAREN KIY, Viktor Solomonovich; FILIPPOV, Aleksey Fedorovich; CHUDOVA, L.A., redaktor; GONTACHAYA, M.M., redaktor; TUMARKINA, B.A., tekhnicheskiy redaktor

[Stability of difference equations] Ob ustoichivosti ramostnykh uravnenii. Pod red. L.A. Chudova. Moskva, Gos. izd-vo tekhnikoteoret. lit-ry, 1956. 171 p.

(Difference equations)

(Difference equations)

SHILOV. Georgiy Yevgeniyevich; GORYACHAYA, M.M., redaktor; GAYRILOV, S.S., tekhnicheskiy redaktor

[Introduction to the theory of linear spaces] Vvvedenie v teoritu lineinykh prostranetv. Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 303 p. (MLRA 9:11)

(Geometry, Algebraic)

ZAYTSEV, Ivan Lazarevich; BARAHENKOV, G.S., redaktor; KAVERIN, N.A., redaktor; GORYACHAYA, M.M., redaktor; TUMARKINA, N.A., tekhniche-akiy redaktor

[A course in higher mathematics for technical schools] Eurs vyschei matematiki dlia tekhnikumov. Pod red. G.S.Baranenkova. Isd. 2-oc. ispr. Moskva, Gos. isd-vo tekhniko-teoret. lit-ry, 1956. 340 p. (Mathematics)

KRASHOSEL'SKIY, Mark Aleksandrovich; GORYACHAYA, M.M., redaktor; TUMARKIHA, W.A., tekhnicheskiy redaktor.

[Topologic methods in the theory of nonlinear integral equations]
Topologicheskie metedy v teorii nelineinykh integral'nykh uravnenii.
Moskva, Gos.izd-vo tekhniko-teoret. lit-ry, 1956. 392 p. (MIRA 9:6)
(Integral equations)

TARASOV, Nikolay Petrevich; GORYACHAYA, M.M., redakter; GAVRILOV, S.S., tekhnicheskiy redakter.

1. 19 P. 19 Y. 19 P. 19

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumev. Isd.9-ee, perer.Meskva, Gos.isd-votekhnike-teeret.lit-ry, 1956. 404 p. (MEA 9:6) (Calculus) (Geemetry, Analytic)

KORDENSKIY, Boris Anastas yevich; GORYACHAYA, M.M., redaktor; AKHIAMOV, S.N., tekhnicheskiy redaktor

[Sharpness in mathematics] Matematicheskaia smekalka. Izd. 3-e. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 574 p. (MIRA 9:11) (Mathematical recreations)

TRACHTRIBERT, Boris Avrasmovich; GCRYACHAYA, M.M., red.; YERMAKOVA, Ye.A., tekhn.red.

[Algorithms and mechanical solution of problems] Algoritmy i mashinnee reshenie medech. Moskva, Gos. izd-vo tekhniko-teoret.

lit-ry, 1957. 94 p. (Populiarnye lektaii po matematike, no.26)

(Calculating machines)

(Algorism)

GOEYACHAYA, M.M.

PHASE I BOOK EXPLOITATION

16

Yaglom, A. M., and Yaglom, I. M.

Veroyatnost' i informatsiya (Probability and Information) Moscow, GITTL, 1957. 159 p. 30,000 copies printed.

Ed.: Goryachaya, M. M.; Tech. Ed.: Gevrilov, S. S.; Reviser: Moiseyeva, Z. V.

PURPOSE: The book is designed for people without higher mathematical education. The authors' main task was to acquaint the general reader with certain not-too-complicated, but very important mathematical concepts and their application in modern engineering.

COVERAGE: The fundamentals of the classic theory of probability and the general concept of probability in connection with Boolian algebra are presented. The concepts of entropy and information are introduced and their mathematical formulation given. The importance of the concepts of entropy and information is illustrated by certain logical problems. The concepts of a code and of its economy are introduced.

Card 1/4

16

Probability and Information

The binary code is described and its economy studied. The binary code is extended into the code of m signals. Special attention is paid to the Shannon-Fano Code and to Shannon's work in information theory. The fundamentals of the Shannon-Fano Code and its efficiency are demonstrated. The transmission of a message, when communication line disturbances are present is discussed. The concepts of the communication lines are introspeed of transmission and the carrying capacity of communication lines are introduced and formulas given. No proofs are given for the formulas and only one duced and formulas given. No proofs are given for the formulas and only one individual case given by A. M. Kolmogorov is studied. There are 8 references mentioned in the introduction and in footnotes, 7 of which are Soviet and 1 English. In the introduction the authors thank Academician A. M. Kolmogorov for his valuable advice. They also thank editor M. M. Goryachaya for her remarks concerning the arrangement of the book material.

Card 2/4

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516330006-7

robability and Information	ìó	
ANLE OF	Page 3	
ntroduction .	7	
h. I. Probability	7	y F
 Definition of probability Properties of probability. Sum and product of events. Incompatible and independent events 	15 25	n A
 Conditional probabilities Algebra of events and the generalized definition of probability 	25 23	
Th. II. Entropy and Information	. 35	ć ć
1. Entropy as a measure of degree of indefiniteness 2. Entropy of compound events. Conditional entropy 3. Concept of information	35 43 55 62	Ago, A
4. Definition of entropy by its properties		5
Card 3/4		

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516330006-7

16 69 69 78	and the
69	A
69 78	
, -	· Prints
98	, di
98 108 125	ľ
137	
152	
	98 108 125

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516330006-7

CCRYACHAYA, M. M.

LYUBARSKIY, Grigoriy Yekovlevich; GORYACHAYA, M.M., red.; GAVRILOV, S.S., tekhn, red.

[Theory of groups and its use in physics] Teoria grupp i ee primenenie v fizike. Moskva, Gos.izd-vo tekhniko-teoret. lit-ry.

1957. 354 p.

(Groups, Theory of)

CONYMONAL TAKEN PARTY AND THE TAKEN PARTY AND

Goryachaya Milli

PHASE I BOOK EXPLOITATION

g

Khinchin, A. Ya.

Kratkiy kurs matematicheskogo analisa (Brief Course in Mathematical Analysis)
Noscow, GITTI, 1957. 627 p. 50,000 copies printed.

Ed. : Goryachaya, M. M.; Tech. Ed.: Akhlatov, S. H.; Reviser: Yemel'yanova, S. H.

PURPOSE:

The textbook is designed for students of the mechanics-mathematics and physics-mathematics faculties of universities and pedagogical institutes. The author's main task was to prepare a textbook which would not only satisfy the course requirements but would be on the modern scientific level.

COVERAGE:

The book covers the basic concepts of numbers, functions, and limits, the elements of differential integral calculus, the basic theory of series, and the expansion of differential and integral calculus for the functions of several arguments, in the preface to the first edition the author thanks members of the departments of mathematical analysis of the Moscow, Leningrad and Kiyev universities for their remarks and advice. Special gratitude is expressed to Prof. Tumarkin, L. A. (Moscow), Prof. Shilow, G. Ye. and to the editor, Golovin, O. N.

Card-1/1

9 . Brief Course in Mathematical Analysis In the preface to the second edition, the author thanks the members of the Department of Mathematical Analysis of Restov University (Department Head Prof. Guchov, F. D.) for criticism of the first edition of the book and to Academician Kolmogorov, A. N., and Prof. Myshkis, A. D. (Minsk) for pointing out certain errors. The author thanks Demidovich, B. P. for the preparation of the subject index. There is no bibliography. TABLE OF CONTENTS: .. Preface to First Edition 7 Preface to Second Edition 10 PART ONE 11 INTRODUCTION TO AMALYSIS Ch. I. Functions 1. Variables 11 2. Functions

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516330006-7

KRASNOSEL'SKIY, Mark Aleksandrovich; RUTITSKIY, Yakov Bronislavovich;
GOHYACHAYA, M.M., red.; EMTUCHKOVA, V.B., tekhn.red.

[Convex functions and Orlics epaces] Vypuklye funktsii i prostranstva Orlicha. Moskva, Gos. isd-vo fisiko-matematicheskoi lit-ry, 1958. 271 p. (MIRA 11:12)

(Functional analysis)

LYUBARSKIY, Grigoriy Yekovlevich; GORYACHAYA, M.M., red.; YERMAKOVA, Ye.A., tekhn.red.

[Theory of groups and its use in physics] Teoriia grupp i ee primenenie v fizike. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1958.
354 p. (Groups, Theory of)

THE RESIDENCE OF THE PERSON OF

VITUSHKIN, Anatoliy Georgiyevich; ANTONOVSKIY, M.Ya., red.; GORYACHAYA,
M.M., red.; GAVRILOV, S.S., tekhn.red.

[Evaluating the complexity of the problem of tabulating]

[Evaluating the complexity of the problem of tabulating]
Otsenka elozhnosti sadachi tabulirovaniia. Moskva. Gos.izd-vo
fiziko-matem.lit-ry, 1959. 228 p.
(Mathematics--Tables)

KITOV, Anatoliy Ivanovich; KRINITSKIY, Nikolay Andreyevich; GORYACHAYA,
M.M., red.; ORLOV, V.B., red.; GAVRILOV, S.S., tekin.red.

[Electronic digital computers and their programming] Elektronnye taifrovye mashiny i programmirovanie. Moskva, Gos.izd-vo fizikomatem.lit-ry. 1959. 572 p. (MIRA 13:4)

(Electronic digital computers)

(Programming (Electronics))

KOZHEUROV, Pavel Yakovlevich; GORYACHAYA, M.M., red.; BRUINO, K.F., tekhn.red.

[Trigonometry] Trigonometriia. Izd.2, Moskva, Gos.isd-vo fisiko-matem.lit-ry, 1960. 336 p.

(Trigonometry) (MIRA 14:1)

KALHIN, Robert Avgustovich; GORYACHAYA, M.M., red.; MURASHOVA, N.Ya., tekhn.red.

[Algebra] Algebra. Ind.5. Moskva, Gos.ind-vo finiko-matem. (MIRA 14:4) (Algebra)

VYGODSKIY, Mark Yakovlevich; GORYACHAYA, M.M., red.; KRYUCHKOVA, V.N., tekhn.red.

[Elementary mathematics handbook; tables, arithmatic, algebra, geometry, trigonometry, functions, and graphs] Spravochnik po elementarnoi matematike; tablitsy, arifmatika, algebra, geometriia, trigonometriia, funktsii i grafiki. Izd.13, stereotipnoe. Moskva, Gos.isd-vo fisiko-matem.lit-ry, 1960. 412 p. (MIRA 13:11)

(Mathematics)

GORYACHNYA, M.M.

FADDRYEV, Dmitriy Konstentinovich; SOMINSKIY, Il'ya Samuilovich; GORYACHAYA, M.M., red.; MUHASHOVA, W.Ya., tekhn. red.

[Algebra for self-instruction] Algebra dlia sarcoobraxoveniia.

Moskva, Gos. ind-vo finiko-matem. lit-ry, 1960. 529 p.

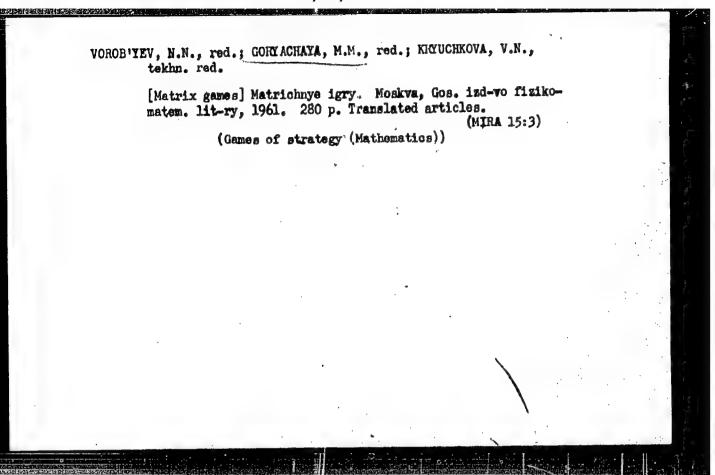
(Algebra)

(Algebra)

VILENKIN, Naum Yakovlevich; GORYACHAYA, M.M., red.; PLAKSHE, L.Yu., tekhn.
red.

[Method of successive approximations] Metod gosledovatel'nykh priblishepii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 63 p.
(MIRA 14:9)

(Approximate computation)



KRASNOSEL'SKIY, Mark Aleksandrovich. Prinimal uchastiye BAKEL'MAN,
I.Ya.; GORYACHAYA, M.M., red.; LIKHACHEVA, L.V., tekhn. red.

[Positive solutions to operator equations in the theory of nonlinear analysis] Polozhitel'nye resheniia operatorrykh uravnenii
glavy nelineinogo analiza. Moskva, Cos.izd-vo fiziko-matem.lit-ry
1962. 394 p.

(Equations) (Operators (Mathematics))

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516330006-7

BEREZIN, Ivan Semenovich; ZHIDKOV, Nikolay Petrovich; GORYACHAYA,
M.M., red.; AKSEL'ROD, I.Sh., tekhn. red.

[Calculation methods]Metody vychislenii. Izd.2., perer.
Moskva, Fizmatgiz. Vol.2. 1962. 635 p. (MIRA 15:11)

(Numerical calculations)

YAGLOM, Isaak Moiseyevich; GORYACHAYA, M.M., red.; MOROZOVA, I.Ye.m red.; AKSEL'ROD, T.Ye.m [Complex numbers and their use in geometry] Kompleksnye chisla i ikh primennie v geometrii. Moskva, Fismatgis, 1963. 191 p.

(Numbers, Complex) (Geometry, Non-Enclidean)

KORDEMSKIY, Boris Anastas'yeviah; GORYACHAYA, M.M., red.;
KRYUCHKOVA, V.N., tekhn. red.

[Mathematical problems and games] Matematicheskaia smekalka. Izd.7., perer. Moskva, Fizmatgiz, 1963. 566 p.

(MIRA 16:5)

(Mathematics—Problems, exercises, etc.)

YUDIN, David Borisovich; GOL'SHTEYN, Ye.G.; MOVSHOVICH, S.M., red.; GORYACHAYA, M.M., red.; MURASHOVA, N.Ya., tekhn.red.

[Linear programming; theory and finite methods] Lineince programmirovanie; teorilia i konechnye metody. Moskva, Fizmatgiz, 1963. 775 p. (MIRA 17:2)

SOMINSKIY, Il'ya Samiilovich; GOFYACHAYA, M.M., red.; KRYUCHKOVA, V.N., tekhn. red.

[Elementary algebra; supplementary course] Elementarnaia algebra; dopolnitel'nyi kurs. Moskva, Fizmatgiz, 1963. 200 p. (MIRA 17:2)

GNEDENKO, Boris Vladimirovich; KHINCHIN, Aleksandr Yakovlevich; GORYACHAYA, M.M., rad.

[Elementary introduction to the theory of probability] Elementarnoe vvedenie v tsoriiu veroiatnostei. Izd.6. Moskva, Nauka, 1964. 142 p. (MIRA 18:5)

MIROHOV, Georgiy Akimovich; KRINITSKIY, N.A., red.; GORYACHAYA, M.M., red.

[Test programs for checking electronic digital computers] Ispytatel'nye programmy dlia kontrolia elektronnykh tsifrovykh mashin. Moskva, Izd-vo "Nauka," 1964. 267 p. (MIRA 17:6)

market are served to the subject tof

BUKHTIYAROV, Aleksey Mikhaylovich; ZIKEVSKAYA, Lidiya Mikhaylovna; FROLOV, Gennadiy Dmitriyevich; KHINITSKIY, N.A., red.; GORYACHAYA, M.M., red.

[Collection of problems in programming with answers and solutions] Sbornik zadach po programmirovaniiu s otvetami i resheniiami. Moskva, Nauka, 1965. 410 p. (MIRA 18:11)

PAPERNOV, Abram Aleksandrovich; GORYACHAYA, M.M., red.

[Logical principles of digital computers and programming]
Logicheskie osnovy tsifrovykh mashin i programmirovaniia.

Moskva, Nauka, 1965. 560 p. (MIRA 18:7)

ERUDNO, Aleksandr L'vovich; GORYACHAYA, M.M., red.

[Introduction to programming in symbols according to content] Vvedenie v programmirovanie v soderzhatel'-nykh oboznacheniiakh. Moskva, Nauka, 1965. 147 p.

(MIRA 18:11)

DEMIN, M.N.; IGONIN, V.M.; GORYACHENKO, N.A.; TRINKIN, N.R.; YANTOVSKIY, I.A.; TRUBIN, A.K.

Coating leather for uppers with nitro dys solutions at high temperatures. Kozh.-obuv.prom.3 no.4:13-15 Ap '61. (MIRA 14:5) (Dyes and dyeing-Leather)

CIA-RDP86-00513R000516330006-7

		A STATE OF THE PROPERTY OF THE PARTY OF THE
ACC NR: AP6034093	7	2/0089/66/021/004/0267/0271
AUTHOR: Goryachenko, V.	D.	35
ORG: none	19	B
TITLE: Stability of anuc.	lear reactor with a circulating fuel w	ithout delayed neutrons
SOURCE: Atomnaya energi;	ya, v. 21, no. 4, 1966, 267-271	
TOPIC TAGS: circulating system stability, nuclear	fuel reactor, reactor control, reac r reactor characteristic	tor neutron flux, control
reculating-fuel reactor neutrons but taking into along the reactor core. feasibility of self-regulation the fuel spends inside the core. It is assumperature coefficient of rational to the neutron denthe change in the heat enthe core is postul	lation in such a reactor under condi-	neglecting the delayed the variables gation was to check the tions when the time that the time outside the cted by a negative tem- core is propor- s governed essentially by the neutron density along for the core is rium. For a reactor
Card 1/2	wc: 621.039.56:	621.039.514
• • • • • • • • • • • • • • • • • • • •	e and have	

CIA-RDP86-00513R000516330006-7

L 08079-67 2 AP6031093 ' ACC NR value of negative temperature coefficient of reactivity, or a large temperature drop (or both). The analysis of the characteristic equation in the fuel in the core shows that the delayed neutrons exert a favorable influence on the stability, but the stability region itself is small and instability can set in as a result of small changes in the reactor parameters. It is shown in addition that Welton's sufficiency criterion for reactor stability (Proc. of the Internat. Conf. on the Peaceful Uses of Atomic Energy, Geneva, 1955, v. 5, p. 377 [English edition]) is not applicable to a reactor with circulating fuel. The deductions are only qualitative, and quantitative characteristics of the influence of the delayed neutrons on the stability can be obtained only by using a more precise model. The author thanks N. A. Zheleztsov and Ye. F. Sabayey for valuable remarks and interest in the work. Orig. art. has: 3 figures and 25 formulas. OTH REF: 005/ ORIG REF: 004/ 27Apr66/ SUBM DATE: SUB CODE: 18/ ATD PRESS: 5102

CIA-RDP86-00513R000516330006-7

L 37920-66 EWT(m)/T

ACC NR: AP6024534

SOURCE CODE: UR/0089/66/021/001/0003/0006

AUTHOR:

Goryachenko, V. D.

3/

ORG: none

19

TITLE: Stability of nuclear power plant with circulating fuel

SOURCE: Atomnaya energiya, v. 21, no. 1, 1966, 3-6

TOPIC TAGS: circulating fuel reactor, nuclear reactor characteristic, nuclear

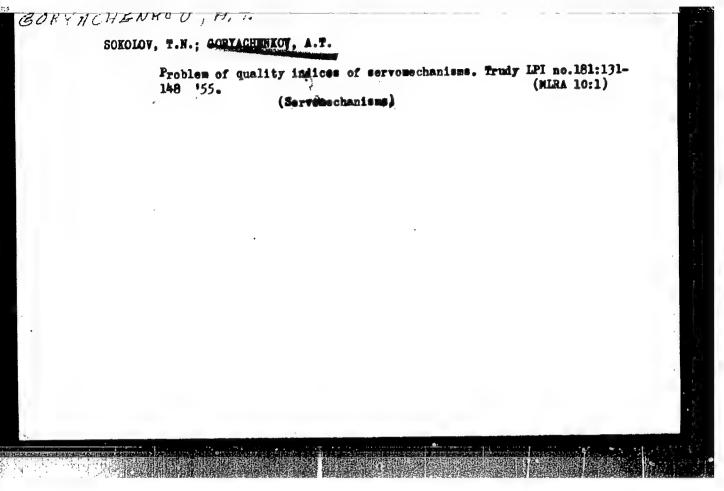
reactor core

ABSTRACT: The dynamics of a nuclear power plant with a circulating incompressible fuel is analyzed. It is assumed that the reactor core represents a system with lumped parameters, and the heat exchanger is a unit with distributed parameters. A linearized system of equations for the reactor dynamics is derived and the conditions for reactor stability are established. The author thanks N. A. Zheleztsov and Ye. F. Sabayev for their comments on the work. Orig. art. has: 1 figure and 1 25 formulas.

SUB CODE: 18/ SUBM DATE: 08Dec65/ OBIG REF: 004/ OTH REF: 006/ ATD PRES:5048

Card 1/1/01/1/P

UDC: 621.039.515



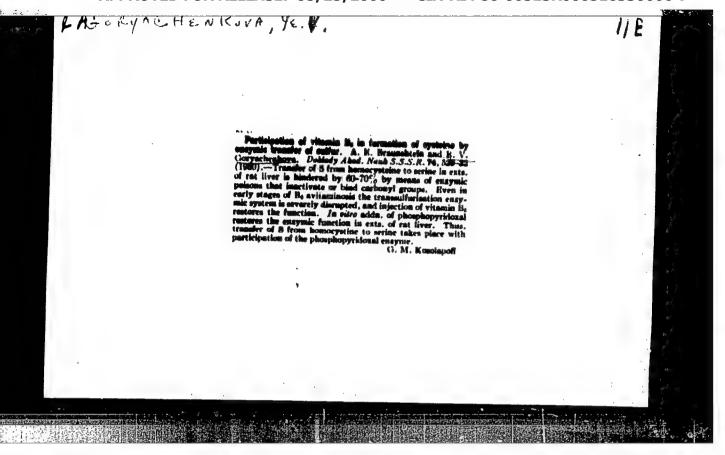
ALEKSANIROV, I.A.: COPYACHISIKOV, V.G.; YEREMENKO, V.S.; KOROMYEV, YA.F.; FHALIF, A.I.

Obtaining liquefied gas in the refining of oil on the pressure and vacuum distillation units of petroleum plants. Gaz. prem. 8 n...11:48-50 163. (MIRA 17:11)

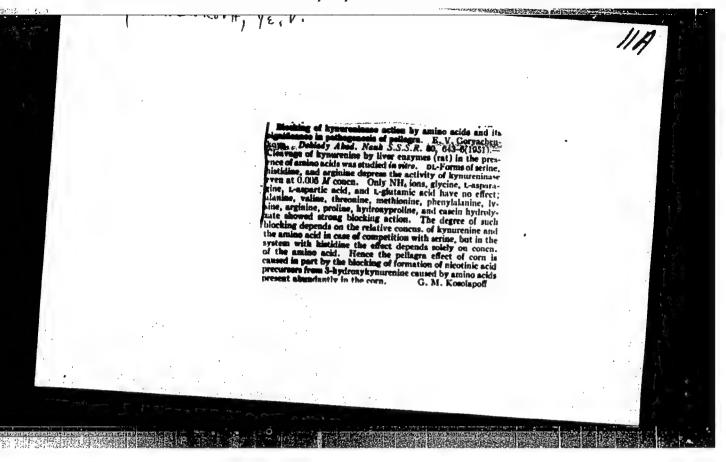
**On the Intermediary Metabolism of 1-Tryptophan, Biokhim., 8, No.1, 1943

Lab. Metabolic Research, VIEM

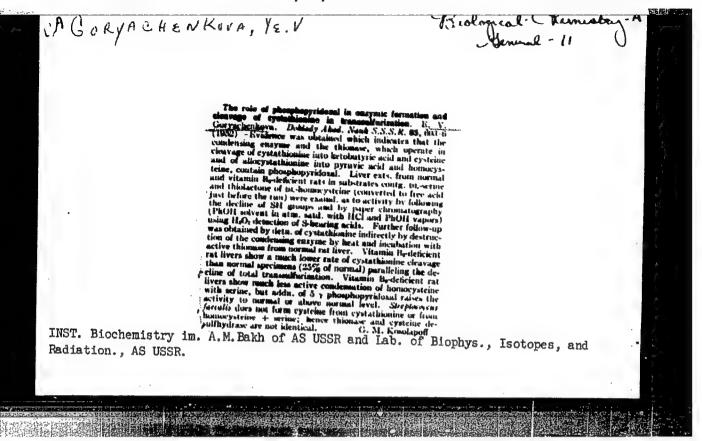
	PA 41/49743	
From Levo- and the Role of Ye. Braunshteya F. S. Paskhinaya Biol and Med 17 pp product of the 17 pp product of the 17 pp product of the 18 broken down kidneys of ki/Apr 49 anthranilic soid kynurenine de- ninase is scovered during liver on levo- triptophane.	41/49Tk3	
amine Frombane and the bane and the from and the from and the strand kidd on of anthuct of kynurenia kynurenia kynurenia kynurenia kynurenia i levotrip		
USSR/Medicine - Pyridoxine Medicine - Alanine Compounds "Enzymatic Formation of Alanine H kynurenine and Levotriptophane ar Vitamin B6 in This Process," A. Y Te. V. Goryachenkora (Aided by T. Lab Chem of Mitrogen Exch, Inst B Chem, Acad Med Sci USSR, Moscow, "Biokhimiya" Vol IIV, No 2 Kynurenine, a chief intermediate ilssimilation of levotriptophane, by kynureninase of the liver and lissimilation of levotriptophane, by kynureninase of the liver and lissimilation of levotriptophane, by kynureninase of the liver and limits and man with formation of aynuren anine, formation of which was dis tion of extracts and cuts of the nurenine and tirsue cuts on levot, mitted 22 Nov 48,		
USSR/Medicine - Pyridox Medicine - Alanine "Enzymatic Formation of Kynurenine and Levotripy Vitamin B6 in This Proce To. V. Goryachenkova (Ai Lab Chem of Mitrogen Exc Chem, Acad Med Sci USSR, TBiokhimiya" Vol IIV, No Kynurenine, a chief inte dissimilation of levotri by kynureninese of the 1 by kynureninese of the 1 minale and man with formation of levotri by composition under action of alanine, formation of whice action of extracts and cut kynurenine and timese cuts Submitted 22 Nov 48,		
TEAN TO THE TO T		



CIA-RDP86-00513R000516330006-7



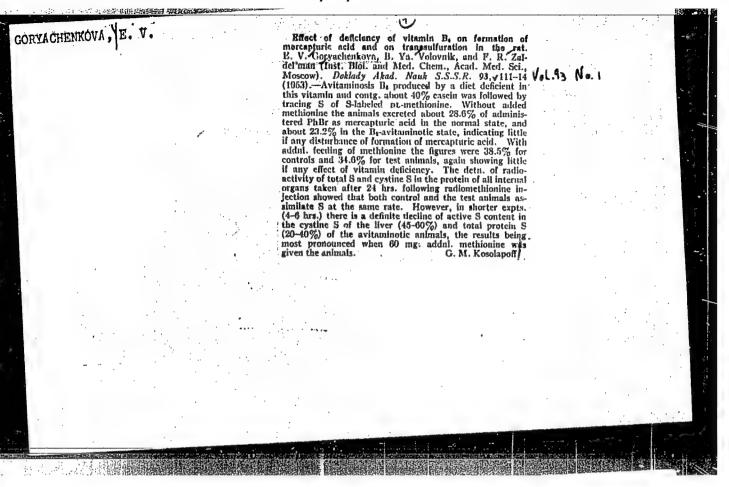
CIA-RDP86-00513R000516330006-7



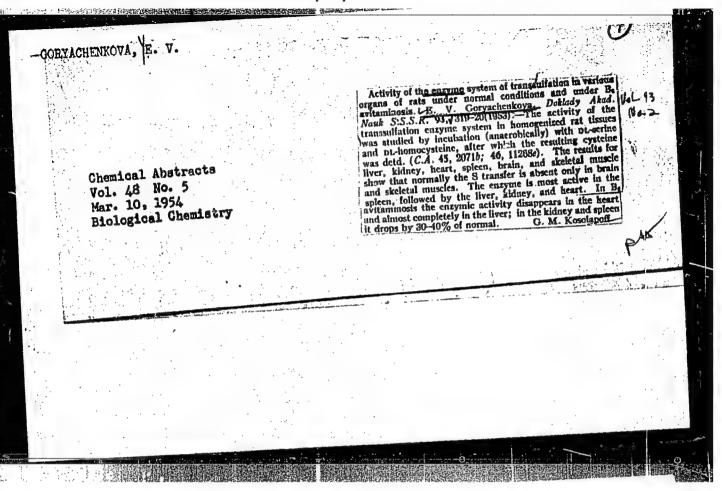
CIA-RDP86-00513R000516330006-7

g		1 .	PA 245T2	
ites, 21 Nov 52	pp 457-460 of allicin that alliin acid with a	Z4572 yme which splits e a phosphopyro- oteid. This experimentally. 26 Sep 52.	24.572	
Enzymes Enzymes (Allinase) That Proteid," Ye. V	No.3, 1	entyme st be a 7 protei med expe		
UNER /Biology, Medicine The Engine of Garlic Le a Phosphopyrodogel chenkova	Ak Mauk SESR" Vol 87, ase catalyzes the for alliin. In riew of th bets-substituted alph Ely Polar substituent	sumed that allinese) exal phosph as been con Acad A. I.		
The Engine The Engine	Tok Ak Hauk Milinase cate From alliin. S a beta-sub trongly pola	it my be asultiin (1.e. doxal pyrode		

USSR/Medicine - Immunology 21 Nov 52 "Determination of the Activity of Highly Purified also of Curves Representing Salting Out of Protein chembors, Maval Med Acad "Dok Me Nauk SSSR" Vol 87, No 3, pp 461-464, Describes the method in question and states that the results obtained by using it on tetanus antoxin that has been purified to the limit antoxin that has been purified to the limit affect with data on the activity of crystalline chet the snatoxin (as shown by experimental reproteins, the solubility of which differs from that of specific antigen and two others, the solubility of which differs from K. M. Bykov 15 Oct 52. Profess Ween the states of the differs from K. M. Bykov 15 Oct 52.		•	-	
	cine - Immunology ation of the Activity actorin by the Method ves Representing Salt fainst Antigen Content Naval Med Acad	pp 461-464 and states on tetanus to the limit of crystalli	tanus toxin. One must take into at the anatoxin (as shown by expectens, the solubility of which at of specific antigen. Presente M. Bykov 15 Oct 52.	France Service
		No. of the same		
			0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	



CIA-RDP86-00513R000516330006-7



GORYACHESHOVA, YE.V.

The Commisses on Stalle Prizes for the Council of Ministers (MIN) to the fields of antence and inventions accommons that the following scientific works, popular scien-Titl books, and textbooks have been submitted for competition for Stella Prize for the years 1002 and 1002 (Strategage Kultura, Mostow, No. 22-40, 20 Feb - 3 Apr 1954)

Hant

Braunshteyn, A.Ye. Shemyakin, M.M. Goryachenkova, Ye.V. Azarkh, R.M. Vilenkia, G.Ya.

The of Fors

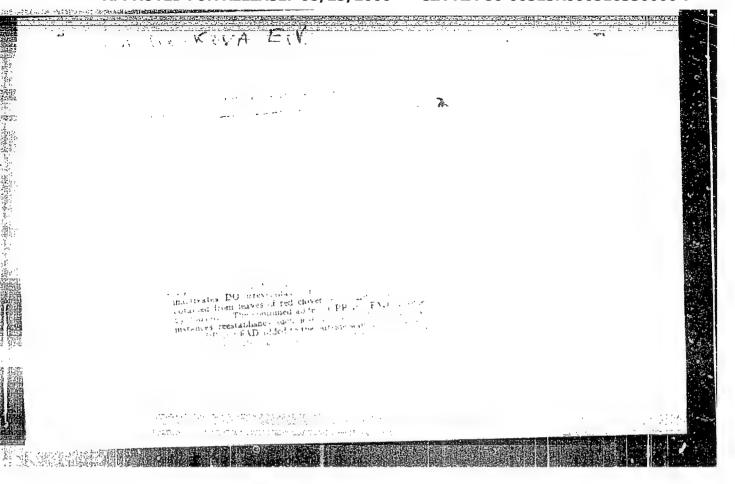
"Investigations of the Processes of Amino Acid Notabolism and the Role of Certain Vitamins of the 'B' Complex in These Processes

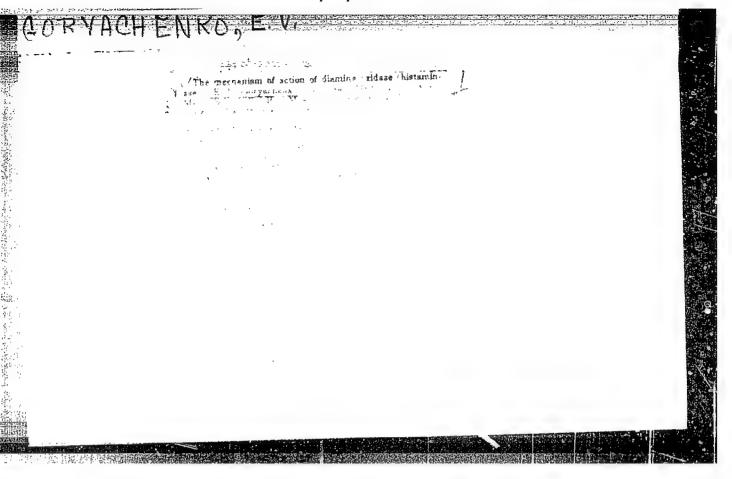
Nominated 9%

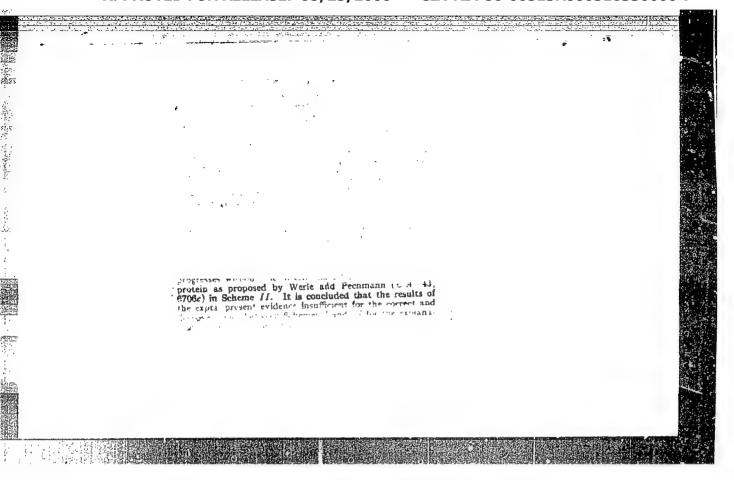
Institute of Biological and Medical Chemistry, Academy of Medical Sciences USSR

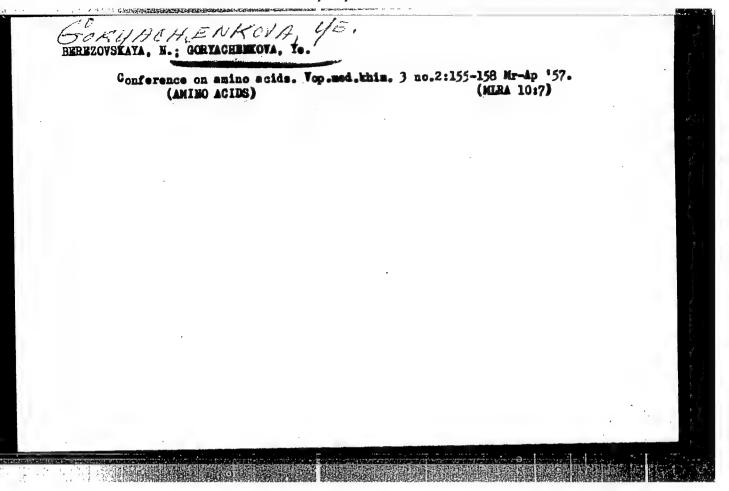
u-30604, 7 may 1964

CIA-RDP86-00513R000516330006-7" APPROVED FOR RELEASE: 08/25/2000









USPRESKAYA, V.D., GORYACHENKOVA, Y. MOGILEVSKAYA, Z.G., POLYAKOVA, V.P.

Electrophoretic purification of diamine oxidase [with summary in English]. Biokhimia 23 no.2:211-219 Mr-Ap '58 (NIRA 11:6)

1. Institut biologicheskoy i meditsinskoy khimii AMM SSSR, Moskva.
(HISTAMINASE,
purification by electropheresis, technic (Rus))

17(3) **AUTHOR:**

Goryachenkova, Ye.V.

SOV/20-123-5-36/50

TITLE:

On the Identity of Histaminase and Diaminoxidase (Ob identichnosti gistaminazy i diaminoksidazy)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 5, pp 898-901 (USSR)

ABSTRACT:

The author gives a survey of publications on the discovery of ferments which render harmless diamines biologically active in animal tissues (Refs 1-4). At first, the presence of one single ferment, diaminoxydase (DO) (Ref 2) was supposed. Later on, however, it was stated (Ref 4) that there were 2 ferments, histaminase and DO. The difference in their actions is constituted by the difference in the oxidation intensities of histamine on the one hand, and of the diamines (putrescine, cadaverine, agmatine) on the other. The author wanted to obtain additional data on the identity mentioned in the title, and studied the following questions: 1) The distribution of activities with regard to histamine and the diamines in the protein fractions of DO from plants and animals; these fractions were purified by the method of electrophoresis; 2) The comparative characteristics of the DO-inactivation (DO from hog kidneys) by iso-nicotinghydrazide, as well as the reactivation of the apoferment obtained by means of dialysis, by adding phosphorus pyridoxal (vitamin B2)

Card 1/3

On the Identity of Histaminase and Diaminoxidase

SOV/20-123-5-36/50

(PhP), with regard to histamine and the diamines. In the present paper it was found that the distribution of the active DO fractions purified by means of electrophoresis, agrees with regard to histamine and the diamines, as far as the length of the column is concerned. DO from hog kidneys is more active with regard to putrescine, whereas DO from pea seedlings oxidizes both histamine and hexamethylene-diamine at about the same velocity. The author has proved that the oxidation of histamine and of the diamines is reduced to an equal extent by the DO-inactivation (from hog kidneys) by means of iso-nicotinyl-hydrazide. On the other hand, it rises to an equal extent on the addition of PhP to the DO-apoferment (produced by the method specified in reference 5). Thus, in the opinion of the author, the identity of DO and histaminase is confirmed.-There are 2 figures, 1 table, and 13 references, 2 of which are Soviet.

ASSOCIATION:

Institut biologicheskoy i meditsinskoy khimii Akademii meditsinskikh nauk SSSR (Institute of Biological and Medical Chemistry at the Academy of Medical Sciences of the USSR)

Card 2/3

GORYACHENKOVA YOU

Role of vitamins B₆ and B₂ in the action of diamine oxidase. Vitaminy no.4:15-21 '59. (MIRA 12:9)

1. Institut biologicheskoy i meditsinskoy khimii Akademii meditsinskikh nauk SSSR, Moskva.

(DIAMINE OXIDASE) (PYRIDOXINE) (RIBOFLAVIN)

GORYACHENKOVA, YE. V. (USSR)

"The Enzymic Formation of Hydrogen Sulphide from Cysteine in the Liver;"
Report presented at the 5th International Biochemistry Congress, Moscow
10-16 August 1961

GORYACHENKOVA, Ye.V.

Pathways of ensymatic formation of hydrogen sulfide from L-cysteine in the liver. Biokhimiia 26 no.3:541-548 My-Je '61. (MIRA 14:6)

1. Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., and Institute of Radiation and Physico-Chemical Biology, Academy of Sciences of the U.S.S.R., Moscow.

(EYDROGEN SULFIDE) (CYSTEINE) (LIVER)

GORYACHENKOVA, Ye.V.

Enzymatic micromethod for determining pyridoxal phosphate and pyridoxal amine phosphate. Biokhimiia 28 no.3:565-571 My-Je '63. (MIRA 17:2)

1. Laboratory of Chemical Basis of Biocatalysis, Institute of Radiation and Physico-Chemical Biology, Academy of Sciences of the U.S.S.R., Moscow.

GURYACHENKOVA, Ya.V.; YERSHOVA, E.A.

Study of the substrate specificity and cofactors of diamine oxidase from the hog kidneys. Biokhimina 30 no.1:165-173

(MIRA 18:6)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR, Moskva.

GORYACHEV, A.A., polkovnik; SIDOROV, P.A., polkovnik; CHENTSOV, N.I., redaktor; KOMOVALOVA, Ye.K., tekhnicheskiy redaktor.

[Military regulations on the ethical and combat qualifications of a Soviet officer] Voinskie ustavy o moral no-bosvykh kachestvakh sovetskogo ofitsera. Moskva, Voem rid-ve Ministerstva obor; SSSR, 1953. 45 p.[Microfilm] (MIRA 9:1) (Military education)

CORYACHEV, A.A.; IGNAT'YEV, O.S.; ROGACHEV, D.L.

Synthesis of chkalovite. Dokl. AN SSSR 146 no.5:1179-1181 0 '62.

(MIRA 15:10)

1. Institut khimii i tekhnologii redkikh elementov i mineral'nogo syr'ya Kol'skogo filiala im. S.M.Kirova AN SSSR.

(Chkalovite)

GORYACHEV, A. D.

"Experience in Introducing Die Casting"

The Kirov District of Leningrad Strives for Technological Progress; Collection of Articles, Leningrad, Sudpromgiz, 1957. 171pp.

This collection of articles describes the progressive experience of the industrial plants of the Kirov district of the city of Leningrad in the fields of shipbuilding, machine building, instrument-making, casting, hydrolytic and other industries. New manufacturing methods are discussed.

BFLOW, A.D., kand. tekim. neak; GORTAGER, A.D., innh.

Stainless steel with good machinebility. Lit. proisv.
(MIRA 18:12)

no.11:2-3 N *65.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516330006-7

	L 26031-66 EWI(m)/T/EWP(t) IJP(c) JD/W		
	ACC NRAP6008862 SOURCE CODE: UR/0128/65/000/011/0002/0003		
	AUTHOR: Belov, A. D. (Candidate of technical sciences); Goryachev, A. D. (Engineer)		
	ORG: none		
	TITLE: Rasily machinable stainless steels & SOURCE: Liteynoye proizvodstvo, no. 11, 1965, 2-3		14. 14. 14.
4	Towall moderning stainless steel, sulfur, metal melting, arc furnace,		127
	corresion resistance, metal chemical analysis, steel microstructure, carpon steel	17.	
	stainless steel but Pb, Se and Te are technically inexpedient and remainded is		
	hindered by the lack of information on the deoxidation of the metal with S. To		100 com
	for retreating S-treated steel scrap and the methods of carbon, chromium and chromium-nickel fill this gap, the authors prepared 40 melts of carbon, chromium and chromium-nickel steels treated with 0.15-0.30% S. Hicrostructurallexamination, chemical analysis and mechanical tests of melt specimens established the following. The assimilation of S mechanical tests of melt specimens established the following.		
	mechanical tests of melt specimens established the tollowing is optimal (95-100%) if elementary S is added in finely comminuted form during		
		2	
	Card 1/2 UDC: 621.74;669.14.018.23	}	

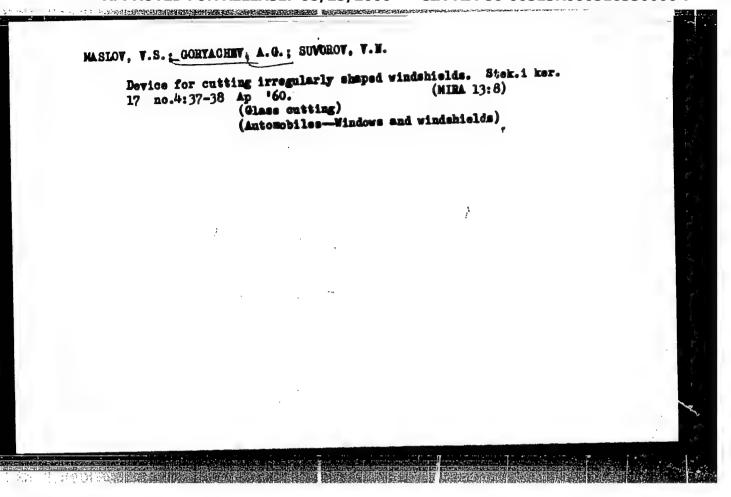
L 26031-66

ACC NR. AP6008862

the teeming operation. The steels are of a high quality if the 2 FeO content is insignificant (up to 0.007% 0). It is expedient to produce 8-t sated stainless steels in electric arc furnaces with a basic lining in order to remove P. By contrast with the conventional technique, here it must be considered that S is not removed, a high deoxidation of the metal is assured by adding minimal amounts of Si, Mn, Al and calcium-silicon, and S is added in the runner during teeming. Three methods of melting are possible: by using carbon-steel or low-alloy steel scrap, by oxidizing the impurities by means of the O2 of the ore or by blowing O2 through the melt under pressure, or by using retreat scrap subjected to O2 blowing and remelting without oxidation. The machining of the steels thus produced reduces the wear on cutting tools 2.5-4 times compared with conventional steels, increases the cutting rate 1.5-2 times and reduces the cutting stress 25%. The corrosion resistance of such steels is as high as that of conventional steels. Orig. art. has: 3 tables.

SUB CODE: 11, 13 / SUBM DATE: none

Cord 2/2 PB



GORYACHEV, A.I.

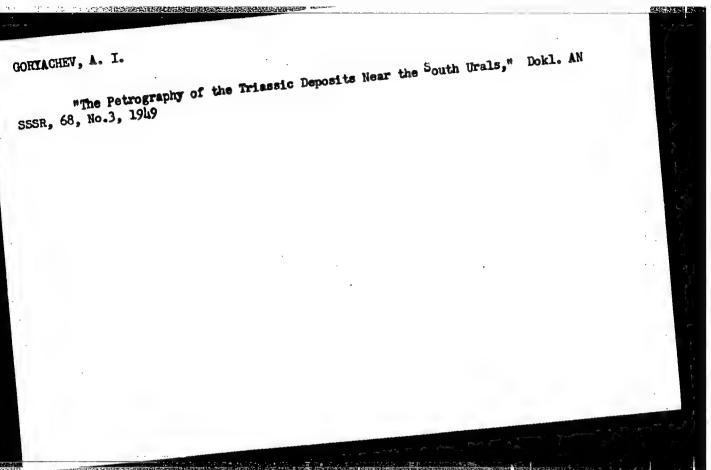
*Investigation of Moise in Lead Sulfide Photoresistors, by A. I. Goryachev and K. A. Yumatov, Radiotekhnika i Elektronika, No 12, Dec 56, pp 1503-1514

Determination of photoresistor charecteristics is one of great practical importance, because photoresistors are now widely used for measurement of small values of radiant energy.

Lead sulfide photoresistors were examined for the relationship between internal noises and applied voltage, load, field intensity, dark resistance, frequency, and magnitude of photocurrent. The experiment disclosed that photoresistors posses greatest sensitivity when the value of the dark resistance is the least; this is also true in respect to internal noises.

This report was delivered at the All-Union Conference on Semiconductors, Leningrad, November 1955

54M-1305



1 . Th. V

3(5)

PHASE I BOOK EXPLOITATION

SOV/2219

RSFSR. Glavnoye upravleniye geologii i okhrany nedr

FI

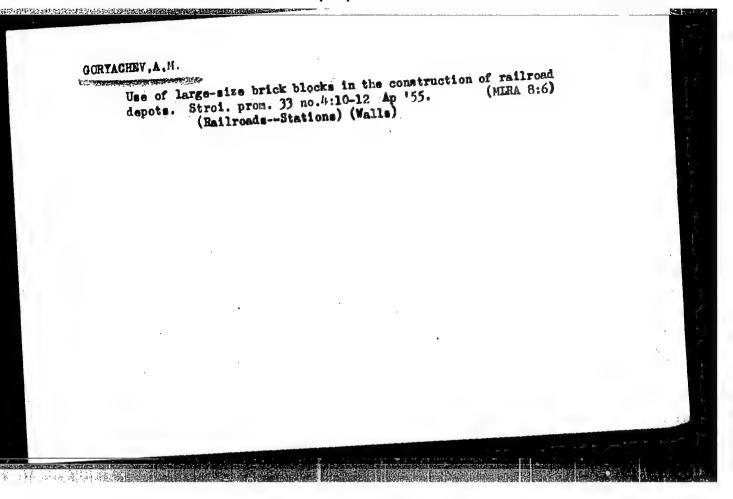
- Geologiya i neftegazonosnost' Vostochnoy Sibiri (Geology and Oil- and Gas-bearing Possibilities of Eastern Siberia) Moscow, Gostop-tekhizdat, 1959. 486 p. 1,650 copies printed.
- Additional Sponsoring Agency: Vostochno-Sibirskiy neftegeologicheskiy trest.
- Ed.: V.G. Vasil'yev; Executive Ed.: Ye.G. Pershina; Tech. Ed.: I.G. Fedotova.
- PURPOSE: The book is intended for geologists interested in the stratigraphy, lithology, tectonics, and the oil- and gas-bearing possibilities of the Eastern Siberian platform and Zabaykal'ye.
- COVERAGE: This collection of articles contains materials on the stratigraphic classification and lithologic characteristics of sediments of the Cambrian system and of the so-called "ancient" beds developed along the northern slope of the Eastern Sayan Mountains and

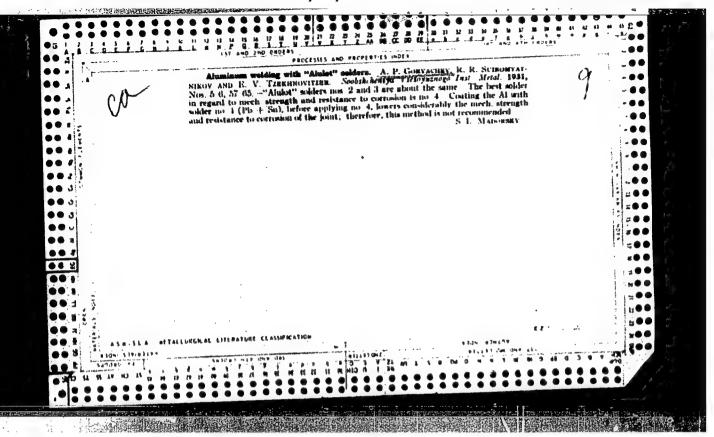
Card 1/4

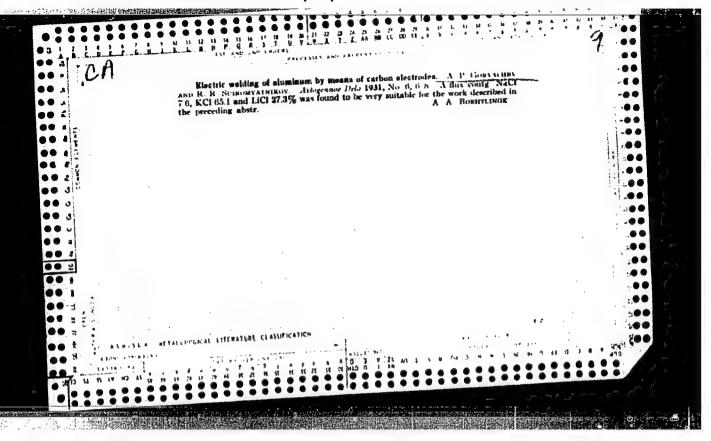
。1. 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 14 1. 1		EGG: 1)
sov/	2219	1
the western littoral of Lake Baykal. Extensive information the western littoral of Lake Baykal. Extensive information petrography and paleontology of these deposits is presented number of articles deal with the tectonics of the southern petrography and platform and its oil- and gas-bearing possibility the Siberian platform and its oil- and gas-bearing possibility of the Baykal-type depressions. There are 40 tables, 74 find the charts. There are 205 Soviet references.	on the	
BARIE OF CONTENTS:	3	
From the Editor From the Editor Karasev, I.P. Lithologic - Stratigraphic and Geochemical Karasev, I.P. Lithologic - Stratigraphic and Geochemical Characteristics of Rocks of the Southern Part of the Characteristics of Rocks of the Southern Part of the	8	
Siberian Platform Siberian Platform Comparing the Stratigraphic Sections of the markhnovskiy, M.A. Comparing the Southern Fringes of the	187	
the Early Paleozoic State of the Early Paleozoic Siberian Platform Il'yukhina, A.V. Lithologic Characteristics and the Outlook for Gas- and Oil-bearing Possibilities in the Motskaya Suite of the Lower Cambrian of the Southern Siberian Suite of the Lower Cambrian of the Southern Siberian Platform	249	· 10
Card 2/4		

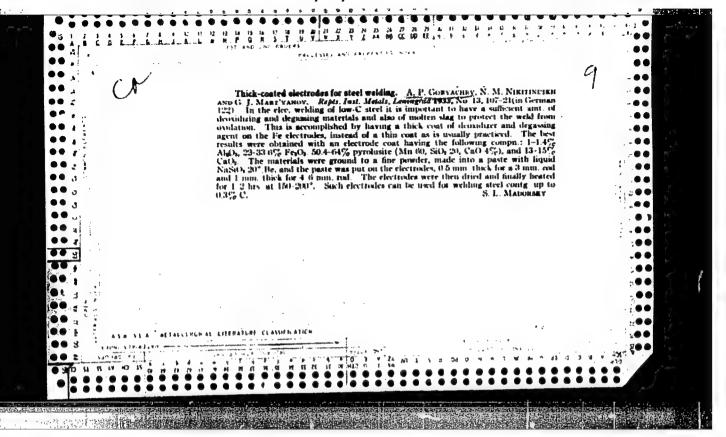
		/2219	1
Geology and Oil- and Gas-bearing (Cont.) Geology and Oil- and Gas-bearing (Cont.) Facies of the Lower Cambrian Platform of the Siberian Platform Part of the Southern Part the Southern Part	an Sediments in rm	288	
Geology and Oil- and Gas-bear Lower Cambrian Gorvachev, A.I. Facies of the Lower Platform Part of the Siberian Spores the Southern Part of the Southern Part Cambrian Sediments of the Southern Platform Sediments of the Siberian Platform Sediments of the Southern Part Sediments of the Southern Platform Sediments of the Southern Sediments of the Southern Platform Sediments of the Southern Sediments	in the Lower of the Siberian	30 ¹ 4	
Il'yasova, Z.Kn. sediments of	mova. Faut. Part of	312	
Karasev, I.P., G.G. cambrian Lower and Middle Cambrian Lower and Platform the Siberian Platform the East	Meshcherskaya Siberian Cambrian	325 336	
Karasev, I.P., G.G. Lebed!, and in the Siberian Platform the Siberian Platform the Siberian Platform Taychuk, P.S., Ya.N. Per'kova, and Kast Sediments Sediments Karpyshev, V.S. Cambrian Sediments of the Biryusa River	the Middle Course	220	
Karpyshev, V.S. River of the Biryusa River			
card 3/4	A Maria	The Contract	

Geology and Oil- and Gas-bearing (Cont.) Kononov, A.I. New Data on the Tectonics of the Southeas Part of the Siberian Platform	SOV/2	219
Zamarayev, S.M. and V.V. Samsonov. Geological Structure the Oil- and Gas-bearing Possibilities of the Selengi Depression	3	56
Vasil'yev, V.G., S.N. Gushkovich, and E.N. Lishnevskiy. Problem of Interpreting Gravimetric and Magnetic Data the Southern Part of the East Siberian Platform	43	35
Paleontologic Plates	47	_
VAILABLE: Library of Congress	48	9
	202 /a a	
	MM/ad 8-20-59	
ard 4/4		









NOT THE PROPERTY OF THE PROPER

PHASE I BOOK EXPLOITATION SOV/3699

Goryachev, A.P., S.M. Yegorov, I.S. Fatiyev, and V.A. Semenov

Argono-dugovaya svarka i payka titana (Argon Arc Welding and Soldering of Titanium), Leningrad, 1957. 34 p. (Series: Informatsionno-tekhnicheskiy listok, No. 80-81. Svarka i payka metallov) 6,200 copies printed.

Ed.: Z.M. Ryzhik, Engineer; Tech. Ed.: T.B. Klopova.

PURPOSE: This book is intended for welders.

COVERAGE: Manual and automatic methods of welding titanium with and without filler metal are explained. Soldering and brazing methods are discussed and fluxes and protective gases are described. There are 11 references: 7 Soviet, and 4 English.

TABLE OF CONTENTS: None given [book divided as follows].

Introduction

1

Card 1/3

rgon .	Arc Welding (Cont.)	SOV/3699
. Ma	nual Argon Arc Welding of Titanium	2
	utomatic Welding of Titanium in a Protective 1. Welding with a tungsten electrode withou	
	of filler metal	16
1	2. Automatic welding with a consumable elec	
	Soldering of Titanium	26
٠.	1. Surface properties of titanium and their	
	on the soldering process	27
	2. Solders	27
	3. Fluxes and protective gases 4. Recommendations on the brazing of titans	20
•		rum 32
	a) Preparation of work for brazing	32
	b) Methods of heating c).Preparation of fluxes	3 <i>C</i>
	d) Techniques of brazing	1um 31 32 32 32 33 33
	d) lecinitidaes of prazing	33
	5. Methods of soldering titanium	34
nama n		
Card 2	² / 3	

<u> </u>	welding (Cont.) SOV/3699 a) Chemical plating of titanium with another meta; b) Goating of titanium by dipping it in a molten	34	
	b) Goating of titanium by dipping it in a molten metal	35	
Bibliogra	phy	36	
AVAILABLE	Library of Congress		
Card 3/3	VK, 6-7	/gmp 7-60	

137-58-4-7283

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 139 (USSR)

' AUTHOR: Goryachev, A. P.

TITIE: Welding Titanium (Svarka titana)

PERIODICAL: V sb.: Swarochnoye proiz-vo. Leningrad, Lenizdat, 1957, pp 64-76

ABSTRACT: The article investigates the technology of manual and automatic welding of technical Ti in a medium of inert gases using W- and fusing electrodes. It was found that with a current I=280a, welding speed v =200-250 mm/min, diameter of the torch jet 12 mm, and a content of 0.27 per cent N₂ and 0.05 per cent O₂ in Ar, the best conditions for protecting the Ti from the surrounding atmosphere are ensured with an Ar consumption of 12-20 liters/min. By increasing the consumption of Ar the hardness of the joint and the quantity of 0 and N in it are can cause overheating of the liquid metal and formation of pores in the joint. The composition of the protective gas affects the voltage U on the arc and the width of the fusion zone. Thus, in welding with a W-electrode with I =200a, of Ar from 0 to 75 per cent causes an increase in the fusion zone from 7.5 mm to Card 1/3

Welding Titanium

137-58-4-7283

10 mm and an increase in U from 11v to 13v (arc length 2 mm) and from 15v to 18v (arc length 8 mm). The welding wire must contain € 0.05 per cent 0, 0.04 per cent N, 0.001 per cent H, and 0.1 per cent C. The more plastic the wire, the more plastic the metal of the joint. For increasing the plasticity of the joint it is necessary to degesify the welding wire in a vacuum of 10-3 mm Hg at 850°-900° C for 5-5 hours in order to eliminate H. Degasification of the wire increases the a of the joint from 2.3 - 3.5 to 7.9 kg/cm². The welding of titanium lends itself readily to mechanization. Without a welding wire this can be accomplished on Cu or Ti blocks up to 3 mm thick on one side and up to 6 mm thick on two sides. Moreover, there is no reduction of joint cross-section in comparison with the thickness of the plates. For welding thicknesses > 6 mm the edges are separated and a welding wire is used. Use of a wire with diameter < 1.5-2. sures a uniform flow of the liquid metal through the arc with minimum splash. The smoothest transition from the facing metal to the parent metal occurs when welding with reversed polarity. With a welding speed of 22 m/hr and a gap of 18-20 mm, a change in current from 160a to 230a causes an increase in the fusion depth of the parent metal from 0.8 mm to 3.2 mm. Examples of preparing welded constructions from titanium are given: a conduit 88 m in diameter, a screw propeller,

Card 2/3

137-58-4-7283

Welding Titanium

a gas cylinder, a kerosene tank, an air pressure cylinder to sustain 60 kg/cm², and a tubular welded assembly.

1. Titanium--Welding 2. Welding--Equipment

V.S.

Card 3/3

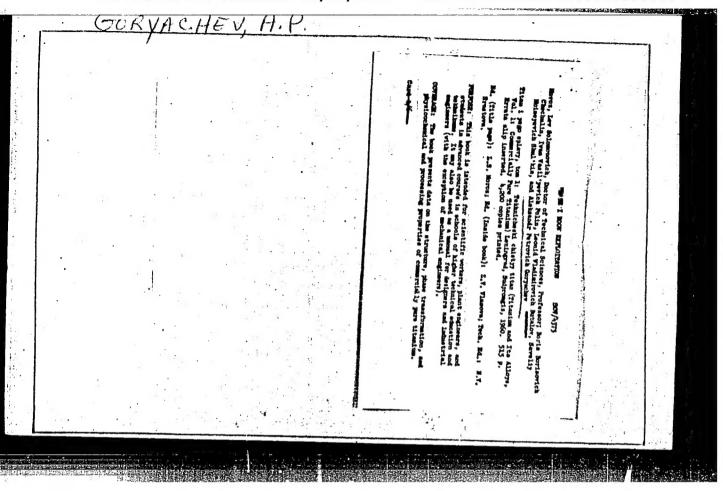
The part of the pa

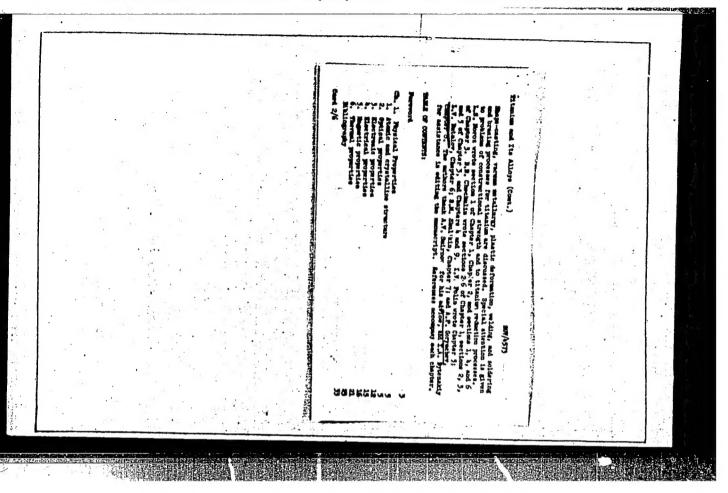
TRET'YAKOV, F. Ye. and SHORSHCROV, M. Kh. (Candidates of Technical Sciences)

"Wwelding of Titanium,"

paper presented at All-Unon Scientific-Technical Comference on Welding in Shielding Gases, Lleinengrad, Dec 1957.

(Svarochnoye Proizvodstvo, 1958, No. 4, pp 46-47 - author Tyul'kov, M. D.)





		737.20
		Ţ
Titanium and Its Alloys (Cont.)	so v /4573	2 2
11. Stamping of parts from titanium sheet	705	
12. Scale removal and pickling	395 410	
Bibliography	•	
and the second	415	
Ch. 8. Welding, Soldering and Brazing of Titanium	418	
Welding properties of titanium	419	7.0
2. Inert-gas-shielded arc welding	430	
3. Flux-shielded automatic welding	458 458	
4. Resistance welding	461	
5. Welding of titanium to other metals	401 475	
6. Soldering and brazing of titanium		
Bibliography	477 491	
	491	
Ch. 9. Methods of Surface Treatment and Coating	493	
1. Thermochemical surface treatment	493	
2. Theatment with reagents in baths		
3. Electrolytic oxide coating (anodizing)	503 505	
4. Surface coatings	508	
Bibliography	514	
	714	
AVAILABLE: Library of Courses (TA480.T54M6)		
Card 6/6		
oata 0/0	VM/dfk/m	AS E
	3-1-61	
		a fair de la compa